



Interpretive 12 channel resting ECG with color LCD Touch screen

CardioTouch 3000

- * Convenient A4 size print-outs allow for easy chart filing
- * Grid function allows you to use low cost plain fax paper

- * One-touch operation (monitoring, recording mode)

- * 12ch simultaneous display
- * Wide and clear color TFT LCD
- * Touch screen for easy operation

- * Rotary key access to all menus

- 12channel interpretive ECG
- Over 130 kinds of interpretation results based on advanced Minnesota code
- Memory up to 200 patients
- Real-time preview monitor
- PC compatible through LAN
- Multi-language (English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portugues) available
- Lead fault message
- Pace maker detection
- Supported standard file format: ECG, XML, PDF, JPEG, MFER



SPECIFICATIONS

ECG

ECG Leads	Simultaneous 10 Leads Resting ECG
Dimension	290(W)×300(D) ×97.5(H)mm, Approx. 3.5kg (Main Body)
Recording Channel	3CH+1RHY, 3CH+3RHY, 6CH+1RHY, 12CH, 1CH Long Time (1min) and Beat Report
Sensitivity	2.5, 5, 10, 20, Auto (I~aVF: 10, V1~V6: 5)mm/mV
Printing Speed	5, 12.5, 25, 50, 100mm/sec
Sampling Rate	Analysis Sampling Rate – 500sample/sec Digital Sampling Rate - 8,000sample/sec
Filters	AC (50/60Hz, -20dB or better), Muscle (25~35Hz, -3dB or better), Base Line Drift (off, 0.05, 0.1, 0.2Hz, -3dB or better), Low Pass Filter (off, 40Hz, 100Hz, 150Hz)
Display	272 x 480 Pixel Resolution, 4.3" Color TFT Wide Display 12 Channels Preview, ID, HR, Gain, Speed, Power Status
Export file format	ECG,XML,PDF,JPEG,MFER
User Interface	Touch Screen, Rotary Push-knob
Recorder	Thermal Print Head, Roll Paper Report Paper - Width: A4/Letter – 215mm (8.5") - Length: A4 – 297mm (11.7") Letter – 279mm (11") Resolution: 8dot/mm (0.125mm pitch)
Patient data	ID, Name, Age, Gender, Height, Weight
Basic Measurement	Heart Rate: 30~300bpm (±3bpm) PR, QRS, QT/QTc, P-R-T axis
ECG Data Storage	Internal Storage for 200 ECGs: Built-in Memory
Electrical	Internal Noise: 20uV(p-p)max Input Impedance: More than 50MΩ Input Voltage range: ±5mV CMRR: Greater than 105dB DC offset Voltage: ≥ ±400mV Patient Leakage Current: < 10uA Frequency Response: 0.05~150 with in -3dB Isolated, Defibrillation and ESU Protected
Signal Quality Control	Pacemaker Pulse Detection Lead Fault Detection, Signal Saturation Detection
Power	Input: 100-240Vac, 1.5-0.75A, 50-60Hz, Output: 15Vdc, 4.2A
Battery type	Replaceable and Rechargeable, Lithium ion, 11.1V, 2600mA
Battery Capacity	360 minutes of continuous operation without recording or 200 ECGs in 12 channel format at 25mm/s and 10mm/mV with a battery charged during approximately 3 hours from total discharge (with display off)
Communication	LAN, WIFI (option)
Safety Conformity	Class I, Type CF Defibrillation-proof applied Part.
Environment	Operating Temperature: 5~40℃ Operating Humidity: 10~90%RH Atmospheric Pressure: 70~106KPa
Standard Accessory	Patient Cable (1 EA), Limb Electrodes (1 SET), Chest Electrodes (1 SET), ECG Paper (1 EA), Power Cord (1 EA)
Options	Rechargeable Battery (1 EA), Cart(1 EA), Hanger (1 EA)

* Specifications can be changed without prior notification.



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